

Through high-impact collaborations, NASA will foster open innovation and make significant impacts on private-sector job creation and retention.



In-Space Propulsion



Materials



Physical Sciences and Bio-Technologies



At NASA Glenn we strive to be an **integral part of the Ohio community and the Nation** while fulfilling our Agency mission to drive advances in science, technology, aeronautics, and space exploration to enhance knowledge, education, innovation, economic vitality, and stewardship of the Earth.

RED

For more information, contact
GRC-RED@mail.nasa.gov

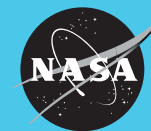


National Aeronautics and Space Administration

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National Aeronautics and
Space Administration



REGIONAL ECONOMIC DEVELOPMENT

■ NASA GLENN RESEARCH CENTER



RED

RESEARCH AND
TECHNOLOGY FOR
THE BENEFIT OF ALL



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Advancing technology while strengthening the economy...

NASA Glenn Research Center's Regional Economic Development (RED) Program seeks to establish partnerships that will employ Glenn capabilities in crucial sectors of our regional and national economy. By aligning our people, world-class facilities and ground-breaking technologies with high-priority commercial sectors like aerospace, advanced energy, transportation, advanced manufacturing and human health, NASA will accelerate technology transfer and commercialization while strengthening Glenn capabilities required for future NASA missions.

"The Center has tremendous talent and capabilities that can provide benefits beyond its physical boundaries. While focusing on NASA's missions, we must be good to the taxpayers. This can be accomplished through the formation of partnerships; use of our technology to spur new businesses and industries; and outreach efforts."

—Jim Free, Director
NASA Glenn Research Center



Engaging industry partners...

NASA's Technology Roadshow provides unique access to the expertise of Glenn researchers and technologists. Select companies receive the dedicated time of NASA Glenn's world-recognized subject matter experts committed to helping them solve complex technological challenges. Through these interactions, NASA will make significant contributions to the growth and sustainability of manufacturing and technology-based businesses in our region.



Fostering collaboration...

Through technology interchange meetings, NASA actively seeks ways to collaborate with industry. We employ multiple partnership mechanisms to achieve the greatest flexibility and ensure that NASA Glenn's technologies, facilities and expertise are broadly available to the public—ensuring the greatest national benefit.

Business partnership opportunities include:

- Access to Glenn's growing portfolio of intellectual property (use color for bullets)
- Utilization of facilities test services
- Research, development, test and evaluation services

There are multiple partnership mechanisms through which we establish relationships with other government agencies, industry and academia including:

- Licensing Agreements
- Space Act Agreements
- Cooperative Research and Development Agreements



Optimizing the impacts...

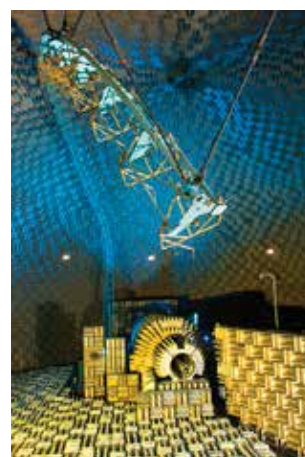
Collaboration projects will infuse NASA-developed technologies into key regional clusters, create innovative research and engineering solutions to the nation's challenges, as well as revolutionize and adapt current technological advances to improve life on Earth.



Air-Breathing
Propulsion



Communications
Technology
Development



Power, Energy
Storage and
Conversion

